

Dear Colleagues,

The International Fertilizer Development Center (IFDC) has the following job opportunities open and may be of interest to you and your networks:

1. **Post-Doctoral Fellow**

Full Time United States: Muscle Shoals, AL

Description: Conduct research on cereal, legume and root crop-based cropping systems with an emphasis on the use of decision support tools for delivering soil fertility recommendations from smallholder farms across to large geographic regions. The primary region of focus will be sub-Saharan Africa though research will also contribute to global efforts. This position will contribute to the vision of Space to Place Project to improve the health and fertility of soils as the foundation for nutritious food production and resilient and sustainable livelihoods.

For more information access [this link](#):

<https://jobs.silkroad.com/IFDC/Careers/jobs/956?embedded=true>

2. **Scientist – Economics**

Full Time United States: Muscle Shoals, AL

Description: The Scientist - Economics position involves research and development work and policy advice and dialogue in the areas of policy, trade, and market development. Duties may include:

- Conducting research and development work on agricultural market assessment, trade agreements, sustainable agriculture and environmental externality.
- Providing technical advice and support to the Director of SOILS Consortium, field projects, and developing economies.
- Conducting cost-benefit analysis of new technologies and investments.
- Participating in technical assistance missions dealing with policy and market development and preparing technical reports.
- Participating in and conducting training programs on policy, marketing and technology transfer.
- Developing and presenting research papers and technical papers (e.g., performing statistical and econometric analysis; presenting papers at workshops).
- Performing a variety of other related minor duties as required.

For more information access:

<https://jobs.silkroad.com/IFDC/Careers/jobs/955?embedded=true>

3. **Scientist - Systems Agronomist**

Full Time United States: Muscle Shoals, AL

Description: The Systems Agronomist conducts interdisciplinary research focused on improving nutrient use efficiency and facilitating

the transfer of innovative agro-technologies. This position involves all facets of agricultural research including design and implementation of greenhouse and field trials in the USA and developing countries. This position report to the Director of SOILS Consortium. Duties may include:

- Develop and conduct research projects (e.g., identify research topics; collect/interpret data; develop/manage regional databases; develop proposals on potential research projects; etc.).
- Coordinate field experiments (e.g., observe field activity; assess field team capabilities/ requirements; visit collaborating scientists; order/prepare materials).
- Analyze/disseminate research project results (e.g., represent IFDC at international conferences; provide expertise to national programs; contribute to progress, quarterly and trip reports; assist in answering technical questions, preparing reports for technical and non-technical journals, manuscripts, etc.).
- Participate in training programs (e.g., coordinate training activities, design programs, teach, etc.).
- Perform other duties as required.

For more information access:

<https://jobs.silkroad.com/IFDC/Careers/jobs/957?embedded=true>

4. **Soil Health -Microbiology**

Full Time United States: Muscle Shoals, AL

Description: The Soil Health/Microbiology position requires expertise in soil microbiology and/or soil biogeochemistry to conduct research that provides a better understanding of the fundamental processes that will lead to development of strategies to improve overall soil health, resilience and sustainability of agricultural production systems and ecosystem services. This position requires the ability to work with other soil scientists, agronomists, chemists, engineers, laboratory and greenhouse technicians, and coordinate with other scientists globally. The Soil Health/Microbiology position reports to the Director of SOILS Consortium.

For more information access:

<https://jobs.silkroad.com/IFDC/Careers/jobs/954?embedded=true>

5. **Soil Scientist - Soil Chemistry**

Full Time United States: Muscle Shoals, AL

Description: This Soil Chemistry position involves researching and developing information about the chemistry and biology of soils to inform and influence increased agricultural production while sustaining soil fertility and reducing negative impacts on the environment. This position report directly to the Director of SOILS Consortium/Space to Place Project. Duties may include:

- Developing and researching new ideas for increased agricultural production at the smallholder level based on applying knowledge of soil science (i.e., biological, chemical, and physical properties) and best nutrient management practices, including foremost the judicious use of fertilizers.
- This task will include planning/designing laboratory, greenhouse, and field experiments which test/evaluate innovative ideas for integrated soil fertility management and increased fertilizer use efficiency and productivity potential of improved fertilizer materials (i.e., controlled-release, multi-nutrient fertilizers including secondary and micronutrients, etc.), coordinating experiments, gathering and evaluating test data, and presenting findings.
- Measurement of soil and plant nutrient dynamics processes including nutrient losses through immobilization, fixation, leaching, and gaseous emissions.
- Preparing and/or presenting technical reports, progress reports, and scientific journal publications.
- Preparing proposals for funding new research activities/projects.
- Providing technical assistance, to field project staff, scientists, and institutions in sub-Saharan Africa.
- Performing a variety of other minor related duties as requested.

For more information access:

<https://jobs.silkroad.com/IFDC/Careers/jobs/958?embedded=true>

Please share these opportunities with anyone in your network.

More details and other positions, please access: <https://ifdc.org/about-us/careers/>

Any doubt please contact us.

Kind regards,

Willingthon Pavan

--



Willingthon Pavan

Scientist - Programmer

P.O. Box 2040

Muscle Shoals, Alabama, 35662, USA

office: +1.256.381.6600 ext. 282